

Programs for Educators

2004–2005

School Year Edition



Programs for Educators Directory

2004-2005 School Year Edition

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This material will be provided in alternate formats upon request for individuals with disabilities. Please dial 711 for TTY relay.

The 2004-2005 King County Programs for Educators Directory can be found on the King County web site in .pdf format at <http://www.dnr.metrokc.gov/swd/schoolpr/EduDir.htm>



NOTE: All programs are provided free of charge, unless otherwise noted.
Please contact program provider for details.



August 2004

Dear King County Educators:

It is with great pleasure that I introduce the publication of the *2004-2005 King County Programs for Educators Guide*.

The annual update of this guide helps ensure that educators have current information on available county materials, funding sources and organizations. This publication is the result of the coordinated efforts of a number of county agencies that provide services or programs to schools and is an example of the vital cooperation that develops and sustains just and equal educational opportunities. This edition features numerous programs that present students with a wide variety of topics ranging from disaster and emergency preparedness to natural resource stewardship. These and other programs listed in the guide deal with issues that shape and influence our quality of life in King County now and well into the future.

As King County Executive, I have worked to make education a top priority for my administration. Our economic strength, vitality and quality of life rest on enabling all of our citizens to access educational avenues necessary to succeed and prosper. I hope this guide will be a valuable resource in your vital work as educators.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ron Sims". The signature is fluid and stylized, with a large loop at the beginning and a long, sweeping tail.

Ron Sims
King County Executive



I. Arts, Culture and Heritage

ARTS PROGRAMS

Grants

Cultural Education Program - Arts in Education Grants

4 Culture

Grades K-12 • Annual competitive grants are awarded to artists and arts organizations for collaborative projects in King County schools. Successful proposals will broaden the scope of arts education in the curriculum through integration into the classroom and through working partnerships with teachers, schools and school districts to build comprehensive and sequential arts learning in the schools.

Contact Charlie Rathbun at 206-296-8675 or charlie.rathbun@4culture.org for more information.

Special Projects Program - Arts Projects Grants

4 Culture

All ages • Annual competitive grants are awarded to artists, arts organizations and community arts groups for special initiatives including after school programs, community outreach projects and programs addressing special populations such as seniors, special needs youth, youth at risk, ethnic communities, etc.

Contact Doreen Mitchum at 206-296-7579 or doreen.mitchum@4culture.org for more information.

CULTURE and HERITAGE PROGRAMS

Grants

Cultural Education Program - Local History in Education Grants

4 Culture

Grades K-12 • Annual competitive grants are awarded to local history museums, heritage organizations, historians and heritage specialists for collaborative projects in King County public schools. Successful proposals will involve students and teachers in documenting, preserving and interpreting local historic and heritage resources. Proposals

should broaden the scope of heritage resources into core curriculum, including local history, archaeology, social science and other subjects.

Contact Charles Payton at 206-296-8693 or charles.payton@4culture.org for more information.



Special Projects Program - Heritage Projects Grants

4 Culture

All ages • Annual competitive grants are awarded to local history museums, heritage organizations, historians and heritage specialists for special initiatives involving youth in the identification, documentation and preservation of local heritage resources. Such resources may include, but are not limited to, historic and archaeological sites, museum exhibits and collections, oral history projects that interview community elders, and community history research.

Contact Flo Lentz at 206-296-8682 or flo.lentz@4culture.org for more information.

Other Resources

Cultural Diversity Program

Washington State University Extension Service/King County Department of Natural Resources and Parks

All ages • This program operates year-round and includes development of personal awareness and information necessary for a person to engage in positive and productive relationships with culturally diverse individuals or groups. Workshops provided present a variety of innovative educational opportunities that will contribute to the life-long learning of minorities and the success of their communities. Activities included are:

- Cultural Foundation - Develops elements of personal awareness necessary to engage in positive and productive relationships with culturally diverse individuals or groups.
- Cultural Diversity – Focuses on understanding the differences and similarities that exist between individuals, cultural groups, and their activities.
- A Lesson of Culture - Participants will have a unique opportunity to learn the relevant



differences and similarities that exist in a culture including food, education and music. Two new diversity curriculums will be provided.

- Volunteerism – Some strategies to recruit minority's volunteers will be provided. Workshops are one to three hours in length and

are available upon request.

Contact Sonia G. Morales at 206-205-3133 or sonia.morales@metrokc.gov or sgmorales@wsu.edu.

II. Community

Classroom Programs

Civil Rights Education

King County Office of Civil Rights

Grades 11, 12, others • The Office of Civil Rights enforces King County's anti-discrimination ordinances (fair housing, employment, contracting, and public accommodations in services such as gas stations and stores) and assists the County in meeting its Title VI and disability access responsibilities. Speakers describe the office's work and services, and talk about basic civil rights protection, fair housing and fair employment practices. The presentations are planned for upper high school grade levels, but topics can be tailored to the audience. They take from 30 to 50 minutes, and can be expanded. The topics apply to Washington's Essential Academic Learning Requirements found in the Social Studies categories of Civics and History.

For information about the King County Office of Civil Rights, check out the OCR web site at www.metrokc.gov/dias/ocre or find the link at www.metrokc.gov/kids. The Office of Civil Rights publishes an agency brochure, an annual report, fact sheets and the Fair Housing Update Newsletter that are available on request, on our web site, and in alternate formats.

Contact John Macdonald at 206-296-7592, 206-296-7596 TTY or john.macdonald@metrokc.gov for more information.



Other Resources

Community Gardening Program

King County Department of Natural Resources and Parks

All ages • This program provides an opportunity for people to learn about growing plants and vegetables organically in a ten-by-forty foot rental plot. Community Gardens are located at North Green River Park at Green River Road and 94th Place South near Kent, and at Marymoor Park, 6046 West Lake Sammamish Pkwy NE, near Redmond. Applications are accepted on an on-going basis, as space is available. Year-round plots are available at both gardens. School groups can make a school-year commitment at either garden. Gardeners must provide all equipment. Rental fee for school groups may be waived.

Contact Anne Lipe at 206-205-8751 or anne.lipe@metrokc.gov for more information on the North Green River Community Garden.

Contact Jane Boeis at 425-333-6127 or jboeis@centurytel.net for more information on the Marymoor Community Garden.



**Disability
Access**

III. Emergency Preparedness and Prevention

Curricula

Seismic Sleuths Curriculum Guide

King County Department of Executive Services, Office of Emergency Management

Grades 7-12 • A limited supply of Seismic Sleuths curriculum guides is available to educators. Seismic Sleuths is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects and preparedness issues. Produced by the Federal Emergency Management Agency (FEMA).

Contact our office at 206-296-3830 or kc.eoc@metrokc.gov for more information.

about the county's role during a disaster, such as an earthquake or flood, and how the ECC assists cities and communities within King County with disaster prevention and response issues. The tour features an inside look at the ECC's high-tech equipment and radios that are used during disaster activations. Tour length is 1.5 to 2 hours. Tours are scheduled on a first-come, first-serve basis. **ONLY** one tour scheduled per month.

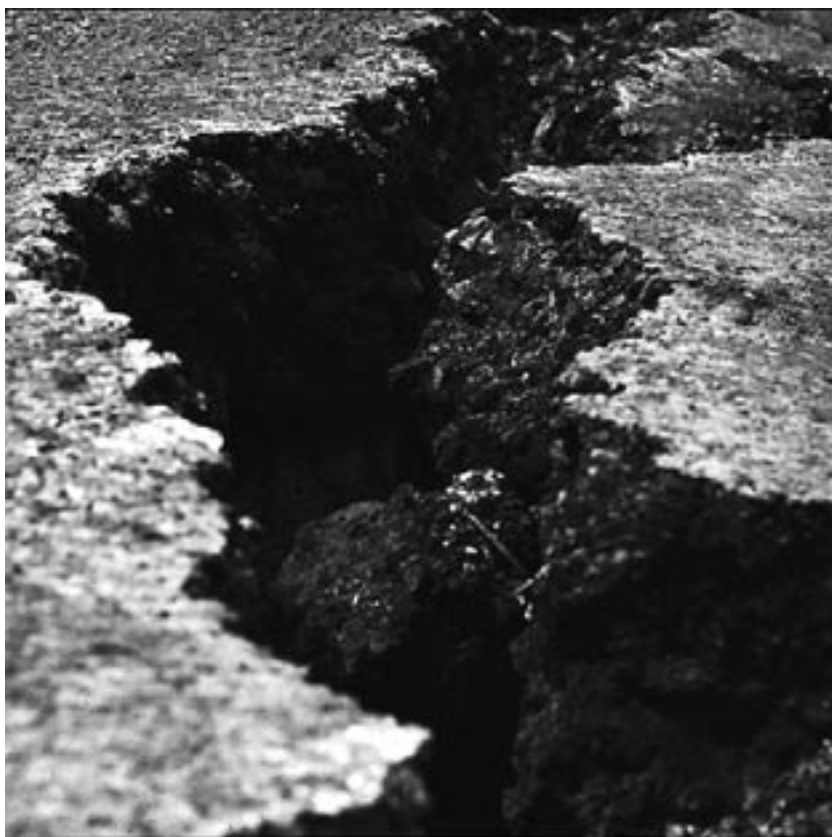
Call 206-296-3830 to schedule a tour or for more information. Visit <http://www.metrokc.gov/prepare> for more Emergency Preparedness and Prevention information.

Tremor Troops Curriculum Guide

King County Department of Executive Services, Office of Emergency Management

Grades K-6 • A limited supply of Tremor Troops curriculum guides is available to educators. Tremor Troops is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects and preparedness issues. Produced by the Federal Emergency Management Agency (FEMA).

Contact our office at 206-296-3830 or kc.eoc@metrokc.gov for more information.



Field Trips

Regional Emergency Coordination Center Field Trips

King County Department of Executive Services, Emergency Coordination Center

Grades 8-10 • Tour the county's Emergency Coordination Center (ECC) where representatives from county departments and outside agencies coordinate disaster operations. Students will learn



IV. Environment

HOUSEHOLD HAZARDOUS WASTE

Action Projects

Action Teams

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-12 • Classrooms are encouraged to take action for the environment by completing a project that enhances their own and others' awareness of the effects of household hazardous waste. Teachers can receive project funding through mini-grants of \$50 to \$500 as well as technical assistance in developing and implementing the project. Past projects have included water quality testing, stenciling storm drains, developing an organic or pesticide-free garden, and developing projects for a science or environmental fair. Priority is given to teachers who have taken the Hazards on the Homefront Teacher Workshop.

Contact Jennifer Howell at 206-583-0655 or visit <http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm> for more information.

Classroom Programs

Hazards on the Homefront: Slugs, Bugs, and Dirty Toilets

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-12 • Find out how common hazardous household products like bug killers, car products, paints and cleaners can affect the health of people, salmon, and the environment. Handle real household products, learn how to identify the hazardous ones by reading the labels, and learn safer alternatives.

Activity options include having students:

- Sequence environment photo cards to trace the route of hazards from home to streams and salmon.
- Critique different hazardous waste disposal options.
- Test safer cleaning products.
- Shop for least-hazardous products or try out Toxic-Free Bingo.
- Produce skit "commercials" for safer household products.
- Create product labels incorporating advertising techniques.

Choose either a one-day session (55 minutes - 2 hours) or a longer, customized, hazardous waste mini-unit spread over two to three days. All sessions are interactive and activity-based. Teachers frequently integrate this program into studies of water quality and water pollution, environmental and health issues, recycling and waste disposal, and chemistry and the community. This program supports the Washington State EALRs.

To schedule a free hazardous waste program, contact Gail Gensler at 206-263-3082 or gail.gensler@metrokc.gov. You may also visit <http://www.govlink.org/hazwaste/schoolyouth/> for more information.

Intensive Youth-Based Household Hazardous Waste Program

Washington State University Extension Service/King County Department of Natural Resources and Parks, Solid Waste Division

Grades 9-12 • This program, designed for high school students, will come to your classroom twice a week for 6-8 weeks to increase youth-based knowledge of hazardous waste issues and challenges in King County. The training is based on Hazards on the Homefront, a curriculum developed by King County Solid Waste Division that provides real-life

EARTH HEROES AT SCHOOL PROGRAM



This program is part of a countywide Earth Legacy Initiative, which consists of a number of programs that protect and enhance King County's environment. The Earth Heroes at School Program recognizes teachers, students, staff, programs and local schools for doing exceptional work to protect our natural resources through their educational efforts. Nominate your colleagues (or yourself) if you know of programs that are making a difference. Nomination forms will be available in January 2005. Call 206-296-4477.



examples, experiential learning methods, and helps students to become critical thinkers, problem solvers and thoughtful consumers. The topics covered in this 6-8 week program include:

- Recognizing Hazardous Waste
- Familiarity With Household Hazardous Waste Facilities
- Analyzing Labels
- Routes To The Environment
- Two Field Trips (Hazardous Waste & Water Quality)
- Proper Disposal Methods
- Safer Substitutes
- Consumer Choices, Buy Only What You Need
- Community Outreach Project

These topics are covered through classroom presentations, group activities, expert guest speakers and field trips. The final project involves students working in teams to take one of the lessons into a local 4th, 5th, or 6th grade classroom.

Contact Darcy Batura at 206-205-3130 or darcy.batura@metrokc.gov for more information.

This program is offered to two classrooms each year. Selection will be based on interest and alignment of educational goals.

Curricula

Hazards on the Homefront: A Teacher's Guide to Household Hazardous Waste

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-6 and 7-12 • This guide is designed to familiarize students with the health and environmental effects associated with the use of many common household products. The activities in the guide teach students about reading product labels and making safe choices about use, storage and disposal of hazardous products. New lessons relating to health impacts and personal care products have been developed. The activities also develop skills for investigating these issues and suggest opportunities for students to actually do something about reducing hazardous waste in their community. Lessons in the guide are matched to multiple intelligence levels and various Washington State EALRs. The guide is available free to teachers who take the Hazards on the Homefront teacher workshop.

During the 2004-05 school year, assistance is available to school districts wishing to integrate or adapt lessons into existing curricula.

Contact Gerty Coville at 206-296-8459 or gerty.coville@metrokc.gov for more information.

Grants

Hazards on the Homefront: Mini-grants

King County Department of Natural Resources and Parks, Solid Waste Division

Funding in amounts ranging from \$50 to \$500 is available to teachers who have taken the Hazards on the Homefront training.

Funding can be used for teaching lessons from the curriculum or carrying out an action project with students. A brief written report is required upon completion of the lesson or project.

Contact Jennifer Howell at 206-583-0655 or visit <http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm> for more information.



Internet Resources

Hazardous Waste Web Site

King County Department of Natural Resources and Parks, Water and Land Resources Division and Solid Waste Division

- For information on household hazardous waste, visit <http://www.govlink.org/hazwaste/>
- For online publications visit <http://dnr.metrokc.gov/topics/publications/pubtopic.htm>

Teacher Workshops

Hazards on the Homefront: Teacher Training Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Teachers of Grades 4-12 • These workshops demonstrate how to incorporate the lessons in the Hazards on the Homefront teacher's guide into different subject areas. Teachers receive ready-to-use



classroom materials, follow-up support and other resources. Clock hours credit and teacher stipend are available.

Workshops are scheduled for October 8, 2004 and January and February 2005.

Contact Jennifer Howell at 206-583-0655 for more information or email workshop@triangleassociates.com.

Teachers may access information about household hazardous waste programs at <http://dnr.metrokc.gov/swd/schoolpr/hhw/hhw.htm>

RESOURCE CONSERVATION

Action Projects

Green Schools Program

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 Public and Private schools • King County will help you become a “Green School.” You set your goals and we’ll help you achieve them. This program helps schools and school districts to:

- Conserve natural resources;
- Save money; and
- Promote awareness of conservation strategies among students, faculty and administrators.

Participating schools and school districts set goals in two, three or four of the following eight environmental categories: waste reduction and recycling (required); hazardous materials reduction and management; litter reduction; environmental purchasing; energy conservation; water conservation; reduction of greenhouse gas emissions; and addressing environmental issues in the classroom.

To help schools and school districts reach their goals, King County provides:

- Practical assistance;
- Funding; and
- Information and referrals.

Schools and school districts are recognized on the Green Schools Program web site, through King County press releases and in other ways of interest to each participant.

Contact Dale Alekel at 206-296-8457 or dale.alekel@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/greenschools/index.htm>.

WASTE REDUCTION and RECYCLING

Action Projects

Green Teams

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-12 • A Green Team is a classroom group or environmental club that commits to making a positive difference in the environment by completing projects in the classroom, school, or community. Typical school projects include starting a worm bin, sponsoring waste-free lunches and improving the school recycling program. Workshops and assistance for getting started are available. Green Teams that complete projects are eligible to receive awards and recognition. Each team also receives the Green Gram, an e-newsletter filled with ideas, activities and news of other Green Teams.

Contact Sara Gersten-Rothenberg at 206-583-0655 or saragr@triangleassociates.com for more information, a registration form, or list of project ideas or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/greenteams.htm>.

Green Team Mini-Grants

Mini-grants in amounts up to \$500 to support educational activities related to waste reduction, recycling, and resource conservation are available to teachers who participate in the Green Team program. Contact Sara Gersten-Rothenberg at 206-583-0655 or saragr@triangleassociates.com for more information.

Green Gram

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • This quarterly newsletter reports on the activities and achievements of active Green Teams and provides ideas for new projects.

Contact Sara Gersten-Rothenberg at 206-583-0655 for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.



Recycling and Waste Reduction Assistance

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 Public and Private Schools •

This program helps schools and school districts to:

- Improve recycling programs; and
- Expand waste reduction practices.

King County provides:

- A site visit to assess each facility's solid waste management practices.
- Written recommendations on how the facility can increase its recycling rate, decrease its garbage volume and possibly reduce garbage collection costs.
- Hands-on assistance to help each facility increase recycling and decrease garbage.
- Recycling containers and signage as needed.

Contact Dale Alekel at 206-296-8457 or dale.alekel@metrokc.gov for more information or to request assistance.

Classroom Programs

Earth Smart: Choices for Our Planet Elementary School Assembly

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-6 • Two professional actors present this brand new assembly program with a lively, interactive format to demonstrate how advertising influences product choices, how those choices affect the environment, and how positive choices to reduce consumption and waste benefit the earth. The primary version focuses on waste reduction and recycling while the intermediate version introduces students to the concept of an ecological footprint or "earthmark."

Call 206-583-0655 or email workshops@triangleassociates.com for more information or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/earth.htm>.

Waste Reduction and Recycling Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • These interactive workshops build on the lessons of the elementary assembly program.

Teachers can choose from among four topic areas: Waste Reduction and Recycling, Habitat Stewardship, Litter Prevention, and Smart Shopping. These 40-minute hands-on presentations are fast-paced, action-oriented and ignite students' own ideas about how to reduce waste and care for the environment.

Call 206-583-0655 or email workshops@triangleassociates.com for more information or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/workshops.htm>.



Students at Horizon Elementary School hop aboard the *Habitat Express*!

Master Recycler Composter Volunteers

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • King County's Master Recycler Composter (MRC) volunteers are available to provide school presentations on topics including waste reduction, recycling, composting and alternatives to household hazardous waste. Presentations can include hands-on displays such as worm bins for food waste composting, environmentally friendly and unfriendly lunches, and alternatives to household hazardous products. Presentations can be made on other resource conservation and waste reduction topics as well.

Contact Susan Evans at 206-343-9759, ext. 108 or susan@cascadiaconsulting.com to schedule a classroom visit. Contact Karen May at 206-296-4353 or karen.may@metrokc.gov for more information on the MRC program, or visit <http://dnr.metrokc.gov/swd/resrecy/recycling/master.shtml>.

Natural Connections Classroom Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • These classroom workshops for secondary school students are based on the messages in the Natural Connections television special and video (described on page 11). The workshops are engaging, interactive, and speak to teens on a level on which they can relate. Students work together in small groups through activity stations that encourage each of them to discuss, debate, and discover "Why

I should care.” The workshops challenge teens to develop critical thinking skills by connecting environmental impacts to their everyday choices. A written activity sheet that students complete during the class period holds students accountable for their learning and reinforces key concepts. All workshops integrate Essential Academic Learning Requirements. Workshops are designed for a 50-minute class period but can run up to 75 minutes for longer class periods. Companion videos are provided. Choose from:

Biodiversity in Our World: What is biodiversity and why is it important? Through challenging and fun, hands-on activities, students gain a clear understanding of biodiversity, human impacts on the planet, and how their personal choices can make a difference.

Earth Impact: Over-Consumption or Sustainability? How and why do we choose what to buy? What impact do these choices have on our planet? How can we choose more sustainable products? Students answer these questions as they rotate through activities that explore advertising, packaging, and our ecological footprint.

Call 206-583-0655 or email workshops@triangelassociates.com to schedule.

Soils, Compost and Worms in the Classroom

Washington State University Extension Service/King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-12 • Students learn quick and easy ways to turn yard trimmings and vegetable scraps into rich soil amendments. WSU Extension faculty will cover the basics of soils and how composting waste can improve soils structure and productivity. Training includes hands-on activities with soils and composting worms. Program length: 60-90 minutes.

Contact Darcy Batura at 206-205-3130 or darcy.batura@metrokc.gov to schedule a presentation.

Storybooks

King County Department of Natural Resources and Parks, Solid Waste Division

Preschool-Kindergarten • *Adventures with Zeela* is the story of a visitor from another planet who

has come to Earth to find out how humans solve the problem of too much waste. *Tikli's Nose* is the story of a troll who helps humans better appreciate ways they can reduce and recycle waste.

Contact Donna Miscolta at 206-296-4477 or donna.miscolta@metrokc.gov.

Waste Busters Classroom Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • Waste Busters workshops spark student interest in waste reduction, recycling and conservation of natural resources. These hands-on, interactive workshops are presented by Pacific Science Center instructors. Each workshop:

- Addresses many of the Washington State Essential Academic Learning Requirements (EALRs) for science, math and/or social studies.
- Is designed for a 50-minute class period, but can run up to 90 minutes for longer class periods or can be extended to a two-day session (two 50-minute or two 90-minute classes).



For Grades

6-8

Biospheres (EALR - science) – What happens to waste in a closed system? Explore how Earth's natural cycles break down waste and how our waste-producing activities affect natural systems. Learn daily behaviors that can help conserve natural resources.

Consumption Junction (EALRs - science, social studies) – How do our lifestyles affect the quality of the Earth's environment? Learn about the time, energy and natural resources that go into making an everyday product, and what we can do to help create a more sustainable future by limiting consumption.



Sorting It Out (EALRs - science, social studies)

– Where does your garbage go? Sort through a household's garbage and learn how to decrease solid waste by using alternatives to disposal. Find out what new products are made from recycled materials and the importance of "buying recycled."

Weigh The Waste (EALRs - math, social studies)

– How and why have the contents of a landfill changed over time? Students will become "garbologists" as they investigate landfill samples from the last forty years, graph the data and draw conclusions.

Zero In On Waste (EALRs - science, social studies)

– Through an interactive board game, discover ways to reduce waste. See first hand how a worm bin helps create less trash. Practice using alternatives to hazardous household cleaners.

For Grades 9-12**Biospheres (EALR - science)**

– Compare the biotic and abiotic factors that affect ecosystems, communities and populations living in a closed system. Students will analyze the effects of our daily consumption on the earth, and learn ways they can live more sustainably within their own closed system—the biosphere.

Face The Waste (EALRs - social studies, math)

– Students are introduced to different solid waste management strategies: landfilling, incineration and waste reduction/recycling. Adopting different roles within a simulated city council meeting, students will present and debate strategies to arrive at a waste management plan that's best for the community.

Waste Not, Want Not (EALRs - science, social studies)

– How does our rate of consumption affect the Earth's limited reserve of natural resources?

Investigate connections between natural resources and the products we consume.

Contact Gail Reeder at 206-443-2851 or waste_busters@pacsci.org for more information or to schedule a classroom presentation.

Waste Reduction and Recycling Activity Sheets

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-6 • Seven activity sheets provide

lessons and tips on reducing waste and recycling.

Lessons include:

- Be a Garbage Gumshoe: Investigate Your Garbage
- Grocery Store Scavenger Hunt
- How to Improve Your School's Waste Reduction and Recycling Program
- Plan a Waste-Free Lunch
- Set Up Your Classroom to Encourage Reuse

You can download these at [http://](http://dnr.metrokc.gov/swd/schoolpr/elem/activity.htm)

dnr.metrokc.gov/swd/schoolpr/elem/activity.htm, or call 206-583-0655 to request copies.

Curricula

Zero in on Waste Guides

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • Lessons on waste reduction and recycling are presented in the context of science, math and social studies in these curriculum guides.

Contact Donna Miscolta at 206-296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/second/guides.htm>.

Field Trips

Tours - Cedar Hills Landfill

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • Schedule tours of King County's regional landfill by calling the Cedar Hills Landfill at 206-296-4490. Background information about the landfill is available on the web site at <http://www.metrokc.gov/dnr/kidsweb>.

Tours - Transfer Station

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • All of King County's transfer stations - Algona, Bow Lake, Enumclaw, Factoria, First Northeast, Houghton and Vashon - are open for tours by appointment. The Enumclaw and



Vashon Transfer Stations are state-of-the-art facilities featuring recycling centers, public facilities and artwork made from recycled materials.

Contact the Cedar Hills Landfill at 206-296-4490 to schedule a tour.

Publications

Class Act

King County Department of Natural Resources and Parks, Solid Waste Division



Grades K-12 • This quarterly newsletter provides information on program offerings, and reports on projects undertaken by students and teachers. While primarily focused on waste reduction, recycling and household hazardous waste issues, the newsletter tries to include news and information on other King County programs of interest to schools.

Contact Donna Miscolta at 206-296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.

Videos

The following videos are available for loan for a length of two weeks from the King County Solid Waste Division. Call 206-296-4466.

All the Right Stuff

Grades 6-12 • Topic: Consumerism, teen marketing. Length: 25 minutes. A Canadian teenager looks more closely at teen spending habits. Join him on his trip to the mall and see how teens are bombarded with marketing campaigns that pressure them to keep up with the latest trends.

Give the Rake a Break, Jake!

Grades 5-10 • Topic: Smart lawn care. Length: 4 minutes. Learn why you never have to bag your grass clippings again!



Gotta Have It

Grades 5 – 8 • Topic: Teen Marketing, Consumerism. Length: 15 minutes. This video features local young actors in a story about our buying habits, the media and consumption of natural resources. Promotes critical thinking skills and stimulates awareness of: a) connections between over-consumption of material goods and depletion of natural resources; and b) media advertising techniques. It comes with a discussion guide for teachers.

Household Hazardous Waste: A Little Goes a Long Way

Grades 6-12 • Topic: Hazardous waste. Length: 15 minutes. Learn how to recognize, safely use and dispose of some of the hazardous products in our lives. You'll also learn about some safer alternatives.

It's All Connected

Grades 2-6 • Topic: Hazardous waste. Length: 11 minutes. Delivered with a twist of humor, this short video looks into hazardous waste, some consequences of its use and safer alternatives.

The Merchants of Cool

Grades 9-12 • Topic: Consumerism. Length: 60 minutes. This Frontline program explores the culture in which today's American teenager is growing up and how their lives have become the object of obsessive focus by corporate America.

Mr. Roger's Neighborhood

Preschool-Kindergarten • Topic: Recycling. Length: 30 minutes. When solid waste problems plague the "Neighborhood of Make-Believe," Mr. Rogers talks to children about the importance of waste reduction.

Natural Connections - Emmy Award Winner!

Grades 4-12 • Topic: Environmental awareness. Length: 48 minutes. Several Northwest scientists, as well as world-renowned biologist Edward O. Wilson, speak about the inter-connectedness among different species and their ecosystems and how our everyday actions affect the environment. Topics include biodiversity, the role of salmon in the web of life, keystone species and healthy forests.

No Time to Waste

Grades 4-8 • Topic: Environmental awareness and the political process. Length: 30 minutes. Follow middle school students from around the world as they take on environmental projects and learn how to make a difference through the political process.

Oil and Water Don't Mix

Grades 6-12 • Topic: Recycling oil. Length: 8 minutes. A popular comedian shares knowledge about where oil comes from, the problems with disposal and ways we can use oil safely.

Our Planet Earth

Grades 4-12 • Topic: Environmental awareness. Length: 23 minutes. This award-winning film documents 17 astronauts from 10 different countries as they share their experiences and insights in the hope that others will see the wonder and fragility of our planet, as they have, from beyond political and geographical boundaries.

The Resource Revolution

Grades 6-12 • Topic: Recycling. Length: 12 minutes. Through one student's classroom presentation, we learn the basics of the recycling movement with an emphasis on plastics.

The Rotten Truth

Grades 2-8 • Topic: Waste reduction and recycling. Length: 30 minutes. Visit the "museum of garbage," the world's largest landfill and a recycling plant, as a student guide teaches about waste reduction and recycling.

Space Station Earth

Grades K-5 • Topic: Waste reduction and recycling. Length: 23 minutes. Join a classroom of elementary school students as they learn why we recycle, what happens to our recyclables and how we can reduce the amount of waste we create.

Steps to Successful Composting

Grades 6-12 • Topic: Composting. Length: 30 minutes. Some delightful Canadians show you everything you need to know about the composting process.

Studies in Stewardship

Grades 5-12 • Topic: School-based environmental projects. Length: 8 minutes. Three schools in King County are profiled for their environmental projects. Featured are river ecology studies at Snoqualmie Elementary, a recycling program at Tolt Middle School, and a composting project at West Auburn High School.

Stuff Video Project

Grades 8-12 • Topic: Personal Consumption and the Environment. Length: 13 minutes. High school students from Foster High School (Tukwila School District) helped to develop and produce this video which consists of three short pieces that focus on what goes into making, transporting and/or consuming ordinary products that North Americans use in their daily lives. "Think Twice" (6 minutes) – Two high school students metaphorically "sleep walk" their way through an average school day, using familiar items such as a cell phone and diet breakfast drink. Through graphics, photos and voice-over narration, the viewer sees where a product comes from, the resources used to make it and where it goes when it is no longer wanted or needed. "Sole for Sale" (1.5 minutes) and "Food for Thought" (2 minutes) also address the issues of consumption and depletion of natural resources. This video comes with a discussion guide for teachers. It is an appropriate follow-up to the "Natural Connections" video.





Turtle World

Grades 3-12 • Topic: Environmental awareness. Length: 9 minutes. This award winner is a prophetic and insightful look at how human nature has allowed us to lose touch with the Earth. It is a simple but powerful story told through the wonder of computer animation and is a great conversation starter.

Wiz Kids Go Green

Grades 2-6 • Topic: Waste reduction and recycling and consumerism. Length: 40 minutes. In this video of a Wiz Kid performance, consumerism, smart shopping, garbage analysis and worm bins are explored in their wonderfully engaging and humorous style. The Wiz Kids are top-notch educators and entertainers.

Wiz Kids Video Adventures

Grades K-6 • Topic: Waste reduction and recycling, composting and worm bins. Length: 28 minutes. Through seven lively short stories, students and teachers learn a variety of behaviors that will help them to reduce the amount of waste they create.

WATER QUALITY

Action Projects

Car Wash Kits

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-Adult • Does your school hold fund-raising car washes? King County has two salmon-friendly car wash kits you can check out for your fund-raiser. This kit diverts soapy wastewater to the sanitary sewer for treatment instead of allowing it to flow directly down the storm drain to fish habitat. Educate others about what they can do to help keep our water clean and safe for salmon with the educational pamphlets provided.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov or visit <http://dnr.metrokc.gov/wlr/pi/carwash.htm> for more information.

Storm Drain Stenciling

King County Department of Natural Resources and Parks, Water and Land Resources Division

Most ages • Stenciling can be done at a location and time convenient for your class during the drier months of the year. Storm drain stenciling teaches students and community members that motor oil, antifreeze, paints and other chemicals dumped into storm drains flow untreated into our region's waters.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov for information, or visit <http://dnr.metrokc.gov/wlr/pi/stencil.htm> for more information.

Classroom Programs

Groundwater Education Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 3-12 • Classroom presentations and hands-on activities introduce the topics of groundwater and the water cycle. Groundwater is the major source of drinking water for much of King County. Students learn about groundwater terms, the water cycle, aquifers, the contamination of groundwater and what they and their families can do to conserve and protect this natural resource. The impact groundwater has on the local salmon habitat is also discussed. Aquifer and groundwater simulators, as well as props in an interactive skit are used to illustrate these principles in the classroom. Students learn through visual demonstrations that what they do above ground affects what happens to our groundwater supply. After engaging in these interactive classroom activities, children and family interact in a home conservation and pollution inventory assessment, with findings discussed with classmates.

Contact Ray Eldridge at 206-263-6572 or ray.eldridge@metrokc.gov for more information.

This program is expected to end December 31, 2004.

Water Quality Education Program

King County Department of Natural Resources and Parks, Water and Land Resources and Wastewater Treatment Divisions

Grades 4-12 • Schedule a presentation with our Education Specialist (September through December, 2004 only) and discuss issues including the water cycle, hazardous waste and available alternatives, the difference between storm drain and sewer water, salmon recovery, groundwater, and how wastewater treatment works and what happens to it afterwards.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov for details

This program is expected to end December 31, 2004.

Field Trips

Wastewater Treatment Plant Tours

King County Department of Natural Resources and Parks, Wastewater Treatment Division

Grades 5-Adult • Tour one of King County's regional wastewater treatment plants. Spend two hours exploring either the South Plant in Renton or West Point Treatment Plant near Seattle's Discovery Park. Follow the process of treating and reclaiming wastewater and biosolids. Closed-toe, flat shoes must be worn. Tours limited to one classroom-sized group; 42 participants maximum per day.

Contact Emily Neff at 206-263-6028 or emily.neff@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/wtd/tours/index.htm>.

Waterworks Garden Stroll - South Plant - Renton

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • *Landscape Architecture* magazine calls it a "modern ecological experience." Stroll through Waterworks Garden, an eight-acre public space where art, technology and nature join in a unique way. Five garden areas follow nature's path in the purification of storm water received from the adjacent wastewater reclamation plant. Limited parking.

Contact Jo Sullivan at 206-263-8361 or jo.sullivan@metrokc.gov for more information.

Wheels to Water

King County Department of Natural Resources and Parks, Wastewater Treatment Division/Water and Land Resources Division

Grades K-12 • This King County program provides a free Metro bus for students to go on water quality education field trips.

General information:

- Registration begins August 23, 2004.
- Field trip programs begin September 23, 2004.
- The bus is available from 8:30 a.m. to 3:30 p.m. Monday through Friday.
- Group size must be between 25 and 60 people.
- Number of buses per school may be limited.
- King County provides only the bus; it does not arrange or pay for the cost of the program.
- Space is limited.
- Please note this program is available only September through December, 2004.

How to Participate in Wheels to Water:

Step 1. Visit the Wheels to Water web site at <http://dnr.metrokc.gov/wtd/wheelstowater> for a listing of participating programs and choose one that suits your group.

Step 2. Contact the program registrar directly and reserve two or three possible dates for your field trip (to ensure bus availability). Please tell the registrar that you will be using Wheels to Water. You can also view the Wheels to Water calendar to get a better sense of when a bus is available.

Step 3. Contact Emily Neff at 206-263-6028 or emily.neff@metrokc.gov to reserve your free Metro bus for one of the tentative dates you picked.

Step 4. Confirm the date and time with the program registrar. Remember to cancel the other tentative dates you are not going to use.

Space is limited. Register early!

This program is expected to end December 31, 2004.



Water quality education provided by the Water and Land Resources and the Wastewater Treatment Divisions.



Grants

Splash - The Water Quality Education Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages •

Schools, non-profits, and local government agencies can apply for funding for educational projects related to water quality. The primary activity of the project must be community education.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/splash.htm> for grant guidelines or more information.



Videos

Groundwater: The Flow From Below

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 6-Adult • Topic: Groundwater. Length: 20 minutes.

This video describes where groundwater comes from, how it becomes contaminated and how we can protect it. Produced in a humorous, upbeat manner, the video presents the following groundwater issues:

- Agriculture
- Farming and forestry
- Growth and development
- Underground storage tanks
- Septic systems
- Water conservation
- Sea water intrusion
- Sand and gravel mining
- Landfills
- Hazardous materials management
- Groundwater recharge

Contact Ray Eldridge at 206-263-6572 or ray.eldridge@metrokc.gov for more information.

H2Ope-A Free Video on King County's Watersheds

King County Department of Natural Resources and Parks

Grades 7-Adult • "H2Ope for the Future" tells the stories of King County's watersheds, the

interconnectedness we share with all living things in a watershed, and why it is important to protect our fragile water resources. The film is ideal for the classroom and for anyone interested in understanding the function and value of our local watersheds. Viewers learn what they as individuals can do to help make a difference. This video will be supplied free to teachers and school libraries for use in classrooms, meetings or home viewing.

Contact Valerie Dascil at 206-296-1968 or valerie.dascil@metrokc.gov for more information.

Little Drip

King County Department of Natural Resources and Parks, Water and Land Resources Division

Preschool-Grade 4 • Topic: Water cycle.

Length: 15 minutes.

Eight-year-old Wyatt joins Little Drip on an adventurous trip through the water cycle. Through the use of "magic water," Wyatt is shrunk to raindrop size and follows Little Drip through the ground to an aquifer. They are then sucked up a well, bounced onto the pavement, become vapor and Wyatt returns home through his shower water! With Little Drip's help, Wyatt learns how people have an impact on the quality and quantity of groundwater. Children learn:

- The basics of the hydrological cycle
- Groundwater terms
- How groundwater can be contaminated
- What young people can do on a daily basis to conserve and protect our groundwater supply.

Contact Ray Eldridge at 206-263-6572 or ray.eldridge@metrokc.gov for more information.

Wastewater Treatment Division Overview

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Topic: History of the Wastewater Treatment Division and its operations. Length: 13 minutes.

Contact Jo Sullivan at 206-296-8361 or jo.sullivan@metrokc.gov for more information.

WATERSHEDS, WETLANDS and HABITAT

Action Projects

Native Plant Salvage Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 6-12 • This unique recycling program involves volunteers in digging up plants from natural sites before they are cleared for development. Later, “rescued” plants are replanted at habitat restoration sites. It is a great opportunity for middle and high school students to learn about native plants and their role in protecting the aquatic ecosystem. Volunteers are needed at both the native plant nursery and during the salvage.

Contact Greg Rabourn at 206-296-1923 or greg.rabourn@metrokc.gov for more information. For upcoming salvages, visit <http://dnr.metrokc.gov/wlr/Pi/salopps.htm>.

Volunteer Plantings/ Adopt-A-Park Programs

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 3-12 • There are a number of volunteer opportunities appropriate for youth that range from one-time events to the adoption of a local park. These projects can vary significantly depending on the specific goals and objectives of the educator/school program/youth, and the opportunities available in parks and natural lands. Stewardship and restoration projects have been popular. Programs include fall tree plantings, spring invasive plant removals for stream, wetland and meadow restoration projects at various parks. Volunteering at the King County Greenhouse and Nursery to help raise native plants for the restoration projects is available throughout the year, and is a great activity for the younger students. These are often the easiest opportunities for teachers to tap into since there is no long-term commitment. Special volunteer events can be arranged for school groups.

If educators are interested in a long-term experience, they can adopt a site with a minimum commitment of four projects per year. Projects vary



from site to site, but can include cleaning up litter, planting trees, removing invasive plants, and/or monitoring.

Projects are planned for many Saturdays in the spring and fall. These make great “extra credit” projects for students. Young children must be supervised and an adult must accompany children under 16. Liability waivers are required for those under 18.

Teachers interested in a potential project for a class are encouraged to make a request.

Contact Tina Miller at 206-296-2990 or tina.miller@metrokc.gov for more information, or visit <http://www.metrokc.gov/parks> and click on the volunteer section for an overview of some of our ongoing and one-time projects.

Classroom Programs

Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 9-12 • This 30-minute PowerPoint presentation is intended for high school students and focuses on salmon and salmon habitat in the Green/Duwamish and Central Puget Sound watershed of southern King County. The watershed public outreach coordinator explains what a watershed is, the problems salmon face, and what students can do to become good stewards of their watershed. Depending on the amount of time available, the presentation can be stretched to an hour-long discussion. To learn more about this watershed, visit <http://dnr.metrokc.gov/Wrias/9/index.htm>.

Contact Dennis Clark, Watershed Public Outreach Coordinator, 206-296-1909 or dennis.clark@metrokc.gov for more information.



WLRD School Credit Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

School districts in the Water and Land Resources Division (WLRD) service area, the western third of unincorporated King County, may apply for a waiver of their WLRD fees based on their administration of water-related curriculum. In addition to in-class instruction, districts may request extra credit for sponsoring relevant teacher training or hands-on activities for students such as sampling water quality at nearby lakes or streams, or raising native plants.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov for more information.

Field Trips

Beach Naturalist Program

King County Department of Natural Resources and Parks and Seattle Aquarium

All ages • Trained volunteer naturalists help visitors learn about, care for and enjoy the beach environment. Learn what sea stars eat, why barnacles stand on their heads and how moon snails lay their eggs. Children are especially welcome! Available at seven area beaches on low-tide weekends and some weekdays from May through July.

Contact Polly Freeman at 206-296-8359 or polly.freeman@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/beach-naturalists.htm> for more information.

Grants

Natural Resource Stewardship Network

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Grants and technical assistance are available for urban forestry and watershed stewardship projects within the King County urban growth boundary. The Natural Resource Stewardship Network is a consortium of government agencies,

businesses and educational institutions that pool resources to support community-based projects. Projects must involve volunteers and may include planting and maintaining trees, improving water quality, restoring water-dependent habitats and/or educating citizens about urban forests and watersheds. Grant requests for major projects are reviewed three times a year. Proposals under \$2,000 for urban forestry projects are accepted any time.

Contact Linda Vane at 206-296-8042 or linda.vane@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/NRSN.htm> for an application or for more information.

Splash - The Water Quality Education Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Schools, non-profits, and local government agencies can apply for funding for educational projects related to water quality. The primary activity of the project must be community education.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/splash.htm> for grant guidelines or more information.

WaterWorks Grants

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Grants are available for community projects that protect or improve watersheds, streams, rivers, lakes, wetlands or tidewaters. Projects must have a demonstrable positive impact on the waters of King County and must either improve or protect water quality and water dependent habitats, or demonstrate the beneficial use of biosolids or reclaimed water.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/waterworks.htm> for more information.

Wild Places for City Spaces: Urban Reforestation and Habitat Restoration Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division



Photo by Machel Spence

All ages • Urban reforestation and habitat restoration grant funds are available. These grants can be used for restoration on school grounds if the school is within the Urban Growth Boundary area of King County.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/wildplaces.htm> for grant guidelines or for more information.

Publications

Brochures and Posters

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades K-12 • Brochures, manuals, reports files, audio and video tapes are available by calling 206-296-6519, TTY 711 or toll-free 1-800-325-6165, extension 66519, or visiting <http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>.

Downstream News

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 8-Adult • The “Downstream News” newsletter, with a circulation of 12,000, provides accessible information on land and water issues and publicizes upcoming volunteer events and resources.

Contact Polly Freeman at 206-296-8359 or pol.ly.freeman@metrokc.gov to get on the mailing list, or visit <http://dnr.metrokc.gov/wlr/pi/downstream-news.htm> for more information.

Watershed Stewardship Directory

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • This great online tool directs you to people who are working to enhance or restore water and land resources in King County. The directory includes hundreds of government agencies, businesses, schools, community groups and funding sources. If your group should be included, or you are aware of others that should, contact Valerie Dascil at 206-296-1968 or let us know via the online directory at <http://dnr.metrokc.gov/wlr/wmdir/>.

Videos

H2Ope-A Free Video on King County's Watersheds

King County Department of Natural Resources and Parks

Grades 7-Adult • “H2Ope for the Future” tells the stories of King County's watersheds, the interconnectedness we share with all living things in a watershed, and why it is important to protect our fragile water resources. The film is ideal for the classroom and for anyone interested in understanding the function and value of our local watersheds. Viewers learn what they as individuals can do to help make a difference. This video will be supplied free to teachers and school libraries for use in classrooms, meetings or home viewing.

Contact Valerie Dascil at 206-296-1968 or valerie.dascil@metrokc.gov for more information.

SALMON RESTORATION

Action Projects

Fall for Salmon

King County Department of Natural Resources and Parks, Public Affairs

All ages • Numerous opportunities are presented each October for students to learn about salmon through hands-on activities and other opportunities to restore salmon habitat.

Contact Jessie Israel at 206-296-1980 or jessie.israel@metrokc.gov for a calendar of events.

Classroom Programs

Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed

King County Department of Natural Resources and Parks, Water and Land Resources Division

This 30-minute PowerPoint presentation is intended for high school students and focuses on salmon and salmon habitat in the Green/Duwamish and Central Puget Sound watershed of southern King County. The watershed public



outreach coordinator explains what a watershed is, the problems salmon face, and what students can do to become good stewards of their watershed. Depending on the amount of time available, the presentation can be stretched to an hour-long discussion. To learn more about this watershed, visit <http://dnr.metrokc.gov/Wrias/9/index.htm>.

Contact Dennis Clark, Watershed Public Outreach Coordinator, 206-296-1909 or dennis.clark@metrokc.gov for more information.



Field Trips

Cedar River Salmon Journey

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Take advantage of this chance to see salmon spawning, and learn from volunteer naturalists about the natural and human history of the Cedar River. The program takes place on several Saturdays and Sundays in October and November on the Cedar River near Renton. During the summer, naturalists are on duty at the Chittenden Locks.

Contact Polly Freeman at 206-296-8359 or polly.freeman@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/cedar-river-journey.htm> for more information.

Grants

Community Salmon Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • A joint project between King County and the National Fish and Wildlife Foundation, the purpose of this fund is to stimulate small-scale, voluntary action by landowners, community groups, and businesses to support salmon recovery on private property in King County and South Snohomish County.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm> for more information.

OTHER ENVIRONMENTAL PROGRAMS and RESOURCES

Classroom Programs

Land Use, Forest Ecology, Biosolids and Soil

Mountains to Sound Greenway Trust and King County Department of Natural Resources and Parks, Wastewater Treatment Division

Grades 5-10 • Educators can choose from four curricula: Forests on the Edge; Forests and Fins; Greening up the Greenway (biosolids recycling); and Savvy about Soil, Wise about Water. Each curriculum has an introductory lesson (taught by teacher) and in-class sessions and field trips led by a Mountains to Sound environmental educator. Teachers can choose to use all segments of the curriculum or just one, as each stands on its own. Financial assistance is available for transportation to the field trip or the teacher can choose to use the free Wheels to Water bus by contacting Emily Ness at 206-263-6028. These programs help students understand forest ecology, land use issues, the salmon lifecycle, biosolids recycling and soil and water issues. Hands-on activities, a video and student led presentations enrich each curriculum.

Contact Sally Kentch at 206-524-1665 or sally.kentch@mtsgreenway.org or visit www.mtsgreenway.org for more information



New SAVVY ABOUT SOIL, WISE ABOUT WATER

Learn about the connection between soil, water and forests in this hands-on science program. Students explore soil texture, structure and fertility and how it relates to maintaining healthy forests and water. On a field trip to Tiger Mountain, students analyze soil samples and discuss land use issues.

Grants

Rural Community Partnership Grants

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • A community service of the Rural Drainage Program, Rural Community Partnership Grants target projects that solve drainage, water quality or habitat problems in rural King County. Organizations and schools that work in collaboration with King County to solve drainage, water quality or habitat problems in rural areas may qualify.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm> for more information.



King County Department of Natural Resources and Parks – Publications Online

King County Department of Natural Resources and Parks

All ages • Online publications can be accessed at <http://dnr.metrokc.gov/topics/publications/publtopic.htm>.

Internet Resources

KIDS Web Site!

King County Department of Natural Resources and Parks

Grades 4-10 • Visit the Department of Natural Resources and Parks KIDS Web site at <http://www.metrokc.gov/dnr/kidsweb/>. The site features interactive games and information on solid waste, recycling, watersheds, water quality, wildlife, habitat and household hazardous waste.

King County Department of Natural Resources and Parks Web Site

King County Department of Natural Resources and Parks

Find information about hands-on volunteer projects, publications and technical information at <http://dnr.metrokc.gov/>

Topics and issues include:

- Environmental Grants
- Hands-on Volunteer Projects
- Parks and Recreation
- Recyclable Goods
- Salmon
- Solid Waste
- Wastewater Treatment
- Water Conservation
- Water and Land

For additional information about specific programs, please forward your request to the contact staff member listed at the bottom of each web page. Also visit our “Resources for Students” page at <http://dnr.metrokc.gov/topics/learning/LRNtop.htm>.

King County Solid Waste Division Web Site

King County Department of Natural Resources and Parks, Solid Waste Division

Online information about all aspects of solid waste can be accessed at <http://dnr.metrokc.gov/swd/>.

King County Volunteer Web Site

King County

Teachers and students looking for student community service projects have a valuable information-gathering resource available to them at <http://www.metrokc.gov/volunteer.htm>. The King County Volunteers page links web site users to more than two dozen volunteer opportunities concerning the environment, salmon conservation, recreation, arts programs, pet foster care, children’s services, social services and the law.

King County Water and Land Resources Division Web Site

King County Department of Natural Resources and Parks, Water and Land Resources Division

Visit <http://dnr.metrokc.gov/wlr/> for information about hands-on volunteer projects, publications and plans available to you and your students.

Visit <http://dnr.metrokc.gov/wlr/resource.htm> for information on county water quality programs.

Other Resources

Agriculture Youth Program

Washington State University Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • This program is offered through summer school programs and has been designed for secondary students wanting to learn that agriculture includes more than farming. Through hands-on experiments youth learn different aspects of agriculture such as soil texture by feel, pH concepts, soil preparation, seed collection, and more. They also learn that agriculture is for everyone and many crops are used in food production. The program provides opportunities to discover agriculture as a career and students will find out about undergraduates programs available in agriculture. The program also provides "Agriculture in the Classroom" subjects designed for school teachers with little or no agriculture background. In addition, teachers can enrich their curriculum and learn different activities for use in classrooms through a training that will be offered for one full week (Monday through Friday) in July 2005. This training requires a minimum of 20 people.

Contact Sonia G. Morales at 206-205-3133 or sonia.morales@metrokc.gov/or sgmorales@wsu.edu.

Chinook Book

King County and City of Seattle

All ages • A new upstream approach to teaching about natural resource stewardship, this fund-raising tool offers a variety of discount coupons for environmentally helpful products and services.

Call 206-296-6542 or visit <http://www.ChinookBook.net> for more information.

Extension Watershed Stewardship Program

Washington State University King County Extension

All ages • Extension Watershed Steward volunteers provide education and leadership throughout King County on a variety of natural resource management, conservation, and restoration projects. From educating homeowners about backyard wildlife habitat to restoring woodlands and

streams, watershed stewards are making a difference.

New Extension Watershed Stewards undergo a comprehensive training that provides them with a foundation of skills and knowledge on watershed issues. The training emphasizes practical stewardship. Professional staff from WSU King County Extension, public agencies and citizen organizations provide classroom and field presentations on natural resource protection topics. Recent trainings have focused on urban and rural connections as well as watersheds and salmon, including presentations on geology, hydrology, forest resources, native plants, wetlands, wildlife and interactions between people and watersheds. The trainees also learn how to organize a stewardship project and how to educate youth and adults. Classes are held on consecutive Fridays from April through May, and consist of nine days of in-class training with field exercises, 9 am to 4 pm, and two Saturday field trips, 9 am to 3 pm.

Following completion of the training program, new watershed stewards embark on community-based projects, working within existing volunteer programs and/or initiating projects that reflect their interests and the needs of their communities. Stewards are supported by WSU Extension staff and by the many watershed stewards who have been trained over the 15 years of the Extension Watershed Stewardship program.

Videos on water quality, wetland monitoring and agricultural best management practices are also available for loan.

Contact Paul Racette at 206-205-3171 or paul.racette@metrokc.gov, or Sylvia Kantor at 206-205-3131 or sylvia.kantor@metrokc.gov, or visit <http://www.metrokc.gov/WSU-CE/land&water/> for more information.

Lending Library/Lending Center

King County Department of Natural Resources and Parks

All ages • Videos, salmon costumes and publications are available to teachers, community groups, non-profit businesses and public agencies through this lending system.

Video titles: "Little Drip," a 15-minute

adventure through the water cycle with eight-year old Wyatt and Little Drip; “Groundwater: the Flow From Below” which uses humor to explain what groundwater is and how to protect it; “Go Natural!” featuring Bert the Salmon, who gives advice on salmon-friendly lawn care.

Salmon costumes: several life stages of salmon are conveyed by costumes that can be borrowed and worn at fairs, workshops and various public events.

Publications: The “Home and Garden Hints for Healthy Streams and Salmon” brochure provides water quality-friendly hints on home, yard and car care. “Get Your Feet Wet!” highlights volunteer opportunities that keep streams and lakes healthy for people and wildlife.

Fish Tales packet: The “Fish Tales” brochure and a video companion piece take a historic look at Northwest salmon as an icon and barometer of watershed health in King County. The postcard packet and video encourage citizens to make a connection with their local area lakes, rivers and streams. In the video, King County residents describe how their quality of life would be affected if salmon became extinct. Citizens are invited to tell their stories by visiting <http://dnr.metrokc.gov/fishtales/>.

More educational materials are available online at <http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>.

Contact Valerie Dascil at 206-296-1968; toll free 1-800-325-6165, extension 61968, TTY 711 or valerie.dascil@metrokc.gov for more information.

Speaker's Bureau

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Arrange to have a speaker come to your organization's meeting, neighborhood group or classroom to speak about water quality and wastewater treatment. Topics include wastewater treatment basics, the siting of our new regional wastewater treatment plant, regional wastewater system planning, advanced technologies, Puget Sound marine outfall studies and much more.

Contact John Phillips at 206-263-6543 or john.phillips@metrokc.gov to schedule a speaker or for more information.

Water and Land Technical Assistance

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Information can be provided and questions can be answered by staff during business hours on issues related to water and land resources.

Contact Valerie Dascil at 206-296-1968 or valerie.dascil@metrokc.gov for more information.

Teacher Workshops

Teacher Workshops

King County Department of Natural Resources and Parks

Teacher workshops are available on wetlands, salmon, and schoolyard landscaping. Project WILD and Project WET (Water Education for Teachers).

Call 206-296-4171 for more information.



V. Nutrition

Curricula

Extension Family Nutrition Education Program - EFNEP

Washington State University Extension/King County

Grades K-12 • This effective year-round food and nutrition education program targets students and families with limited resources. The youth program employs a well-tested curriculum aimed at improving students' food and nutrition-related knowledge, behaviors and overall health. Dynamic, interactive classes use demonstrations, handouts, games and hands-on activities to enhance learning. Well-trained Nutrition Educators, experienced in teaching culturally diverse audiences in a variety of settings, work with individual teachers to plan a series of classes designed to meet class and program objectives and to address the needs of individual student audiences. A series of classes is available, with classes ranging in length from 30-60 minutes, depending on topic and age of students. The number of lessons provided and topics covered is flexible/variable, determined by mutual agreement between teacher and Nutrition Educator. Opportunities for practicing new skills are provided to enhance learning and encourage positive changes in food and nutrition-related behaviors. Lesson

handouts are provided to students during individual lessons. Topics include:

- The Food Guide Pyramid
- Cooking Skills
- Nutrients for a Healthy Body
- Food Shopping
- Healthy Snacks
- Food Safety
- Meal Planning

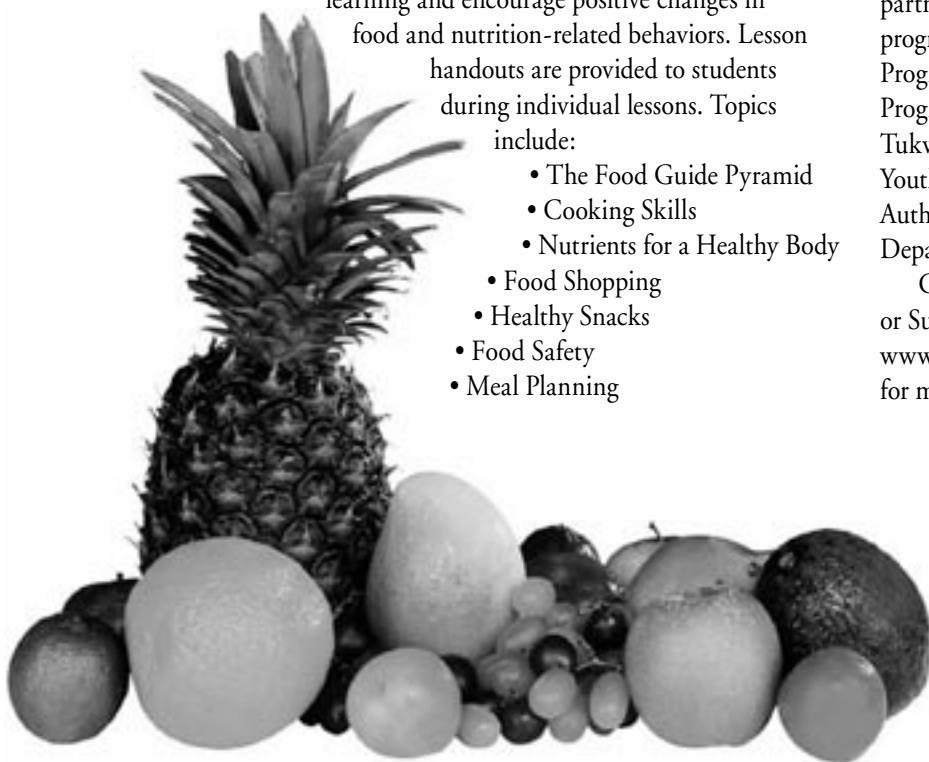
Contact Rebecca Rabbitt at 206-205-3198 or rebecca.rabbitt@metrokc.gov, or the EFNEP office at 206-205-3162 for more information. Additional program information is available at <http://www.metrokc.gov/wsu-ce/EFNEP/>.

4 - H Food \$ense CHANGE Program Gardening and Nutrition Education Program

Washington State University Extension/King County

Grade K-6 • This integrated, garden-enhanced nutrition education program targets students with limited resources and teaches experientially through gardening and cooking. Food \$ense CHANGE Educators provide ten classrooms lessons that are aligned to the EALRs with emphasis on math, science, reading and writing. The program also works in limited-income housing communities using gardens as an instructional tool to teach nutrition to youth. Food \$ense CHANGE works in collaboration with local partners to help communities and schools become a healthier place to live, work and learn. Resources include partnerships with existing WSU Extension programs such as 4H Program, Master Gardener Program, and Master Recyclers and Composting Program. CHANGE also works with Highline and Tukwilla School District Elementary Schools, Kent Youth and Family Services, King County Housing Authority and King County Parks and Recreation Department.

Contact Susan Hauck at 206-205-3217 or Susan.Hauck@metrokc.gov or visit [http://www.metrokc.gov/wsu-ce/food\\$ense/CHANGE/](http://www.metrokc.gov/wsu-ce/food$ense/CHANGE/) for more information.



VI. Transportation

AIRPORT/AVIATION EDUCATION

Curricula

Career Exploration

King County Department of Transportation, King County International Airport

Grades 7-12 • Case studies have been prepared by the Magnuson Partnership, a project of the Port of Seattle and King County, to help students learn about careers in international trade and transportation. A case study is a short story problem about a real person and a challenge that person faces. These case study lesson plans feature people in our community who work in trade and transportation. They are designed to give students an active way to “try on” a career. In addition, they help students practice basic skills in reading, writing and problem solving.

These lesson plans are all based on the 7th and 10th grade benchmarks for the Washington State Essential Academic Learning Requirements (EALRs). They are also specifically designed to help students prepare for the reading and writing exercises that are part of the Washington Assessment of Student Learning (WASL) exam. Each of these lesson plans includes everything needed for a 45-minute to one-hour lesson: student handouts, teaching notes, discussion questions, background information and answer keys for assignments. Each lesson plan includes at least one suggested written assignment to assist teachers with assessing how students are learning. Download lesson plans at <http://www.metrokc.gov/airport/education/teacher>.

Field Trips

King County International Airport Field Trip

King County Department of Transportation, King County International Airport

All ages • A ramp-side tour provides a unique look at one of the nation’s busiest general aviation airports. The narrated tour explaining the history and current operations at King County International

Airport takes about one hour. In addition to the Boeing Company delivery ramp, where the newest commercial jet aircraft can be seen, the tour allows observation from the air-side of the airport of a wide variety of general aviation businesses and activities. If time allows, additional stops can include a visit to the Aircraft Rescue and Fire Fighting station to see the latest in aviation emergency response equipment, a tour of the 1930 Terminal Building, including historical displays and public art exhibits, and/or visits to local airport businesses.

Group tours are provided free of charge, but are subject to current security requirements. Reservations are requested at least two weeks in advance. Tours require a minimum of 20 people for a bus tour and 10 people for a van tour. Some groups like to visit the Museum of Flight in conjunction with an airport tour. Scheduling is the responsibility of the tour group. The Museum of Flight is located on the southwest side of Boeing Field. Call 206-764-5700 for more information and admission fee.

Contact Rita Creighton, Airport Aviation Education Manager, at 206-296-7431 or rita.creighton@metrokc.gov for more information.



Other Resources

Job Shadows and Internships

King County Department of Transportation, King County International Airport

Grades 9-12 • Aviation remains one of the most important aspects of the Northwest economy. Airport staff will help teachers and students arrange job shadows and internships in aviation-based occupations on an individual basis. Large-scale career events with a wide variety of job shadows are held throughout the year and in April as part of King County’s Take Your Children to Work Day. The airport also partners with the Museum of Flight in other career exploration activities, including an

Annual Educator's Open House in October, a Teen Leadership Conference in January, and Women Fly! – a conference in March to encourage young women to consider

non-traditional aviation careers.

Contact

Rita Creighton,

Aviation Education

Manager, at 206-296-7431 or rita.creighton@metrokc.gov for more information.



Opportunity Skyway

King County Department of Transportation, King County International Airport

Grades 5-12, and school dropouts • Located on-site at Boeing Field, this airport-based education initiative uses hands-on learning to teach math, science, technology and other aviation-related subjects. Activities include: student assembly of full-sized aircraft; school-based projects using gliders, kites, hot air balloons, wind tunnels, navigation and other aspects of aviation; and competitions that test student skills in aeronautical design, construction and flight. Opportunity Skyway strives to integrate academic and vocational learning. The program operates year-round with:

- A summer program for youth seeking skills leading to a first-time job experience
- Out-of-school youth working to attain their GED while developing aircraft assembly skills
- Younger children attending a summer aviation day camp
- Students from a local high school spending half a day during the school year learning real aircraft assembly skills

Call 206-296-7431 for details and dates of activities, or visit <http://www.metrokc.gov/airport/education> for more information.

TRANSIT EDUCATION and SAFETY

Field Trips

Metro Base Tours

King County Department of Transportation, Metro Transit Education Services

All ages • See Metro in action and talk to people behind the scenes. How are buses repaired and painted? How does Metro clean a big bus in only ten minutes? Come to one of our bases to see. Tour the operator sign-in area, the maintenance shop, upholstery shop, body shop and paint shop. Learn about the tools and machines that the mechanics use. One-hour tours are available for all ages. There are four different bases and you can choose one in your area of the county! The maximum group size is 30 people.

Contact Tom Randall at 206-684-1013 or tom.randall@metrokc.gov for more information.

Youth Field Trip Program

King County Department of Transportation, Customer Services

Schools and youth organizations may travel on Metro buses for half price. See our web site for program criteria and to download the program brochure and field trip forms. Teachers and leaders can get ideas for fun destinations on a Metro bus. The web site is at <http://www.metrokc.gov/kc-dot/kids/transit/field.htm>. The maximum group size is 30 people.

Contact Patricia Banks at 206-684-1581 or patricia.banks@metrokc.gov for more information.



Internet Resources

Transit School Program Web Site

King County Department of Transportation, Customer Services

Teachers and leaders of organizations who work with youth can see all that Metro has to offer to students, preschool through college, at <http://www.metrokc.gov/kcdot/kids/transit/index.htm>.

Students will want to visit the “Transit Topics for Kids” site, where they will find articles, activities and a bus photo album.

Videos

See You on Metro

King County Department of Transportation, Customer Services

Grades 6-12 • This video is an excellent tool for English as a Second Language (ESL) and Special Education programs. It is highly visual with simple

narration that is easy to understand. The video is closed captioned so that ESL and hearing impaired students are able to read the dialogue as well as listen to it. The 12-minute video may be seen at one sitting, or it may be watched one section at a time.

Subjects/sections include:

- Introduction to Metro
- Getting Information
- How to Pay Your Bus Fare
- Regional Reduced Fare Permit (RRFP)
- Fare System
- When to Pay Your Bus Fare
- How to Use a Transfer
- Ready to Ride?
- When You Need Help
- Riding on the Bus
- Other Transportation Choices.

Contact Tom Randall at 206-684-1013 or tom.randall@metrokc.gov for more information.



VII. 4-H Programs

4-H Youth Development Education Programs

Washington State University Extension/King County Department of Natural Resources

Program Description: 4-H in King County is a mostly volunteer driven youth development education program of Washington State University Extension (a part of the land grant university system), which is conducted in partnership with the U.S. Department of Agriculture and King County government. 4-H has program activities in urban, suburban, and rural communities across King County. 4-H reaches over 7,000 youth in King County, and has over 700 volunteers serving as adult role models. 4-H serves a broad range of youth and adults with expanded program focus using a variety of ways to deliver its effective “learn by doing” approach.

All 4-H youth development emphasizes three types of basic life skills: competency, coping, and contributory. Competency skills are: learning and using accepted practices for mental, physical, emotional, and social health; exploring and evaluating career and job opportunities; acquiring subject matter skills and knowledge in science or art; and developing and practicing responsible skills related to the environment. Examples of coping skills are: acquiring a positive self-concept; learning to respect and get along with people; and developing productive use of leisure time. Contributory skills include those where youths learn and practice leadership skills and fulfill leadership roles; participate

in community affairs; and develop as individuals and leaders in the 4-H program.

Program Mission: 4-H youth development education creates supportive environments for all youth and adults to reach their fullest potential. In support of this mission we:

- provide formal and non-formal community-focused experiential learning;
- develop skills that benefit youth throughout life;
- foster leadership and volunteerism in youth and adults;
- build internal and external partnerships for programming and funding;
- strengthen families and communities; and
- use research based knowledge and the land grant university system.

Achievement of this mission will result in capable, competent, and caring citizens.

Contact Carris E. Booker at 206-205-3177 or carris.booker@metrokc.gov or visit <http://www.metrokc.gov/wsu-ce/4-H>.

4-H Adolescent Youth Development

Adults • This best-practices curriculum, authored by 4-H and the US Army, contains 40 hours of training to prepare adults to work effectively with adolescents. The program is available upon request, both during and after school and in community agencies. It requires approximately 40 hours. The training includes modules about development of youth-adult partnerships, working effectively in groups, adolescent growth and development, working in groups with diverse ethnicities, ages, and cultures, and dealing with conflict effectively. The training is highly experiential and has been used effectively throughout the US and in Army bases around the world.

Contact Sue Lerner at 206-205-3209 or susan.lerner@metrokc.gov for details.



4-H Best Management Practices Programs

Washington State University Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • 4-H programs feature Best Management Practices (BMPs), field trips, competition and implementation. In conjunction with the King County Water and Land Resources Division, 4-H offers youth groups an opportunity to tour local farms in spring, summer and fall to learn about Farm Plans and BMPs for livestock. Youth can create educational exhibits for fair competition and to inform fair visitors about BMPs. High school students are invited to construct BMPs on selected farms.

Contact Carris Booker at 206-205-3177 or carris.booker@metrokc.gov, or Brad Gaolach at 206-205-3135 or brad.gaolach@metrokc.gov, or visit <http://www.metrokc.gov/wsu-ce/4-H> for more information.

4-H Challenge Ropes Course and Portable Challenge Kit

Washington State University Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • Located at Bonney Lake, the year-round 4-H Challenge Ropes Course offers outdoor activities that develop problem-solving skills, teamwork, self-awareness, communication and leadership among youth. Trained facilitators insure safety and fun. Pre and post-event activities are suggested for classroom reinforcement of skills learned in the field. A portable challenge kit is available to teachers who have attended a three-day facilitator training, offered twice each year. Kit activities can be easily conducted in the school gym on an as-needed basis. Allow one day for the Challenge Ropes Course at Bonney Lake, two hours for Portable Challenge. Facilitator training is also available to interested community members.

Contact Carey Roos at 206-205-3152 or carey.roos@metrokc.gov, or visit <http://4hchallenge.wsu.edu/bonneylake> for more information.

King County 4-H Program Newsletter

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Adults • The monthly newsletter supports 4-H project activities in schools and community centers throughout King County. The newsletter promotes adult and youth training three times each year, suggests tips for having fun at the King County Fair by exhibiting projects, and links groups to local resources for community service projects and extended learning opportunities. The newsletter is for adults; the 4-H Program is for youth ages 5-18.

Contact Carris E. Booker at 206-05-3177 or carris.booker@metrokc.gov, or visit <http://www.metrokc.gov/wsu-ce/4-H> for more information.



4-H Projects and Curricula

Washington State University Extension Service/King County Department of Natural Resources and Parks

Grades K-12 • From gardening to rocketry, wetlands to computers, as well as the theatre arts, 4-H activities teach life skills. Research-based information offers background knowledge for long-term projects that can be taken to the urban, county and state fairs. Volunteers, K-12 teachers and home-school families find the activities and projects easy to adapt to individual needs and classroom sites.

Contact Carris E. Booker at 206-205-3177 or carris.booker@metrokc.gov, or visit <http://www.metrokc.gov/wsu-ce/4-H> for more information.

4-H Rite of Passage

Ages 16-19 • This program is a culturally-appropriate wilderness experience alone in which youth mark their graduation from high school with serious thought and purposefulness. The program involves preparation at home through guided activities followed by the up to three days and nights alone in the wilderness, and then reflection and planning for the future. 4-H Rites of Passage (ROP) is an extension of the 4-H Challenge program (portable, low ropes and high ropes courses) in which youth explore their own strengths and challenges. The program is highly experiential and effective for those who choose it. Adult Training for Guides held in August, Youth ROP held in June. Ten days required.

Contact Sue Lerner at 206-205-3209 or susan.lerner@metrokc.gov for details.

4-H School Enrichment

Grades 1-12 • 4-H offers youth development activities both during and after school. In-school programs are usually delivered by the classroom teacher using 4-H curriculum materials, with support from King County staff and experienced volunteers. Curriculums are authored by Washington State University faculty experts in content and youth development. The publications are useful as journals to document the student's exploration of the subject matter through activities outlined in the Leader's Guide. Content areas include, but are not limited to: Consumer Education, Service Learning, Character Education, Conflict Resolution, Performing Arts, Expressive Arts, Foods, Nutrition, Cooking, Geology, Environmental Stewardship, Entomology, Water Resources, Know Your Government, Leadership, and many more. The program is available year-round by request. Length of time required is flexible, but usually requires 5-10 hours.

Contact Sue Lerner at 206-205-3209 or susan.lerner@metrokc.gov for details.

4-H Strengthening Families

Grades 2-12 • This program is designed to build communication skills among family members. It focuses on the major issues that the family raises and provides training for the adults and youth separately, and then guided time together in which to practice the skills they've learned. The program curriculum is highly experiential. "Families" for the purpose of this training will include any adult/youth group who provide life supports to one another and who look to each other as a family. The program is available upon request and requires classroom space, a video player and TV. Three-hour sessions are held once a week for 7 weeks. Each session includes a meal and time to learn and practice the skills.

Contact Sue Lerner at 206-205-3209 or susan.lerner@metrokc.gov for details.



VIII. Miscellaneous

Classroom Programs

King County Work Training Program

King County Community Services Division

Grades 7-12 • The Work Training Program provides education, employment and training services for hard-to-serve youth in King County outside the city of Seattle. Youth must be low-income, high school dropouts or at risk of dropping out of school, and between the ages of 14 and 24. Thirty-minute classroom presentations are available on pre-employment training, how to look for a job, prepare a resume and complete a work application. Career exploration and labor market information are available. Services include case management, GED attainment, basic skills remediation, credit recovery, life skills, parenting, counseling and employment and training services.

Contact George Dignan at 206-296-5220 or george.dignan@metrokc.gov for more information.

King County. Four school districts are now using a combination of I-Net and “dark fiber” to upgrade their network infrastructure. This network will enable participants to contact each other via data or video across the network. I-Net will allow schools to use distance learning capacities with higher education, allowing K-12 students to “sit in” on classes at the community colleges, and teachers can participate in continuing education classes without leaving their schools. The increased capacity and performance that I-Net provides will help future applications like two-way video between members of the I-Net. Schools need their own video or computing equipment to take full advantage of the I-Net network. I-Net is an E-Rate eligible service provider. King County libraries and several school districts are already receiving the benefits of E-Rate.

Contact Betty Richardson or Walt Yeager at 206-263-4814 or visit <http://www.metrokc.gov/dias/its/i-net/index.htm>.

Other Resources

King County's Fiber Optic Network Plans

*King County Department of Executive Services,
Information and Telecommunications Services Division*

King County is building a fiber optic institutional network (I-Net) to 270 sites, including all school districts, suburban cities and some King County agencies as well as a group of content providers including museums, King County libraries, Woodland Park Zoo, Seattle Center, Seattle Art Museum and Benaroya Hall. Many King County regional and branch libraries and King County departments are already using I-Net and its capabilities. Over 11,000 miles of fiber optic cable have been installed to enable this high-speed broadband network. It now serves ten cities within



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X. KING COUNTY PROGRAM CONTACTS

Note: All King County employees can be reached by using the following e-mail format: firstname.lastname@metrokc.gov

Office of Civil Rights

Classroom/School Presentations

John Macdonald.....(206) 296-7592

4 Culture

Arts Cultural Education Program

Charlie Rathbun..... 206-296-8675

Heritage Cultural Education Program

Charles Payton 206-296-8693

Arts Special Projects Program

Doreen Mitchum.....206-296-7579

Heritage Special Projects Program

Flo Lentz 206-296-8682

Department of Community and Human Services

Work Training Program

George Dignan..... 206-296-5220

Department of Executive Services

Office of Emergency Management Emergency

Preparedness Training Timothy Doyle 206-205-4071

Department of Natural Resources and Parks

Parks and Recreation Division

Community Gardening Program

Anne Lipe (North Green River Park) 206-205-8751

Jane Boeis (Marymoor Park)425-333-6127

Public Affairs

Fall for Salmon Month

Jessie Israel.....206-296-1980

Solid Waste Division

Class Act and Green Gram newsletters

Donna Miscolta..... 206-296-4477

Green Schools Program

Dale Alekel 206-296-8457

Household Hazardous Waste Teacher Training

Gerty Coville..... 206-296-8459

Master Recycler Composter Program

Karen May..... 206-296-4353

Recycling and Waste Reduction Assistance

Dale Alekel 206-296-8457

School Programs Grades 1-12

Donna Miscolta..... 206-296-4477

Wastewater Treatment Division

Speakers Bureau

John Phillips..... 206-263-6543

Wastewater Treatment Programs

Jo Sullivan 206-296-8361

Wastewater Treatment Video

Jo Sullivan 206-296-8361

Wheels to Water Program

Emily Neff..... 206-263-6028

Water and Land Resources Division

Beach Naturalist Program

Polly Freeman..... 206-296-8359

Car Wash Kits and Storm Drain Stenciling

Lexi Taylor 206-296-8287

Cedar River Salmon Journey

Polly Freeman..... 206-296-8359

Downstream News

Polly Freeman..... 206-296-8359

Grant Program

Donna Kalka..... 206-296-8494

Groundwater Programs

Ray Eldridge..... 206-263-6572

Household Hazardous Waste Classroom Program

Gail Gensler 206-263-3082

Native Plant Salvage Program

Greg Rabourn.....206-296-1923

Natural Resource Stewardship Network

Linda Vane 206-296-8042

Public Meeting and Exhibition Calendar

Valerie Dascil.....206-296-1968

Rural Community Partnership Grants

Ken Pritchard 206-296-8265

Technical Assistance and Lending Center

Valerie Dascil.....206-296-1968

Volunteer Plantings/Adopt-A-Park Program

Tina Miller..... 206-296-2990

Water Quality Education Program

Lexi Taylor 206-296-8287

WaterWorks Program

Ken Pritchard 206-296-8265

Department of Transportation

Airport Aviation Education and Field Trips

Rita Creighton.....206-296-7431

Transit Education and Field Trip Programs

Tom Randall 206-684-1013

WSU King County Extension

4-H Programs

Carey Roos 206-205-3152

Carris Booker206-205-3177

Sonia G. Morales O.206-205-3133

Agriculture

Brad Gaolach.....206-205-3135

Sylvia Kantor206-205-3131

Environmental Education

Darcy Batura206-205-3130

Extension Watershed Stewardship Program

Paul Racette.....206-205-3171

Tara Zimmerman 206-205-3203

Nutrition Education and Food Safety

Susie Craig.....206-205-3161

Susan Hauck206-205-3162

Rebecca Rabbit.....206-205-3163



XI. FIND IT ON THE NET

The following internet addresses are found throughout this directory. They are listed by topic below for your convenience.

Airport Aviation Education
<http://www.metrokc.gov/airport/education/>

Beach Naturalist Program
<http://dnr.metrokc.gov/wlr/pi/beach-naturalists.htm>

Car Wash Kits
<http://dnr.metrokc.gov/wlr/pi/carwash.htm>

Cedar River Salmon Journey
<http://dnr.metrokc.gov/wlr/pi/cedar-river-journey.htm>

Chinook Book
<http://www.ChinookBook.net>

Civil Rights
<http://www.metrokc.gov/dias/ocre>

Class Act and Green Gram Newsletters
<http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>

Cultural Education
<http://www.4culture.org>

Department of Natural Resources and Parks Kids Web Site
<http://www.metrokc.gov/dnr/kidswb/>

Department of Natural Resources and Parks Publications
<http://dnr.metrokc.gov/topics/publications/pubtopic.htm>

Department of Natural Resources and Parks School Resources
<http://dnr.metrokc.gov/topics/learning/LRNtop.htm>

Downstream News
<http://dnr.metrokc.gov/wlr/pi/downstream-news.htm>

Emergency Preparedness
<http://www.metrokc.gov/prepare>

Green Teams
<http://dnr.metrokc.gov/swd/schoolpr/elem/greenteams.htm>

Greens Schools Program
<http://dnr.metrokc.gov/swd/schoolpr/greenschools/>

Groundwater Education Program
<http://dnr.metrokc.gov/wlr/pi/groundwater/>

Household Hazardous Waste Mini-Grants
<http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm>

Household Hazardous Waste School and Youth Program
<http://www.govlink.org/hazwaste/schoolyouth>

Institutional (I-Net) Program
<http://www.metrokc.gov/dias/its/i-net/index.htm>

Master Recycler Composter Program
<http://dnr.metrokc.gov/swd/resrecy/recycling/master.asp>

Mountains to Sound Greenway
<http://www.mtsgreenway.org>

Native Plant Salvage Program
<http://dnr.metrokc.gov/wlr/pi/salopps.htm>

Parks Programs
<http://www.metrokc.gov/parks>

Programs for Educators Directory
<http://www.dnr.metrokc.gov/swd/schoolpr/EduDir.htm>

Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed
<http://dnr.metrokc.gov/Wrias/9/index.htm>

Solid Waste Division Schools Programs
<http://dnr.metrokc.gov/swd/schoolpr/schoolpg.htm>

Speaker's Bureau and Treatment Plant Tours
<http://dnr.metrokc.gov/wtd/tours/index.htm>

Storm Drain Stenciling
<http://dnr.metrokc.gov/wlr/pi/stencil.htm>

Transit School Program Web Site
<http://www.metrokc.gov/kcdot/kids/transit/index.htm>

Volunteer Opportunities
<http://www.metrokc.gov/volunteer.htm>

Waste Reduction and Recycling Topics
<http://dnr.metrokc.gov/swd/>

Wastewater Treatment Division
<http://dnr.metrokc.gov/wtd/>

Water and Land Resources Division Grant Programs
<http://dnr.metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm>

Water and Land Resources Division Publications
<http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>

Water Conservation
<http://dnr.metrokc.gov/wtd/waterconservation>

Water Quality
<http://dnr.metrokc.gov/wlr/resource.htm>

Watershed Stewardship Directory
<http://dnr.metrokc.gov/wlr/wmdir/>

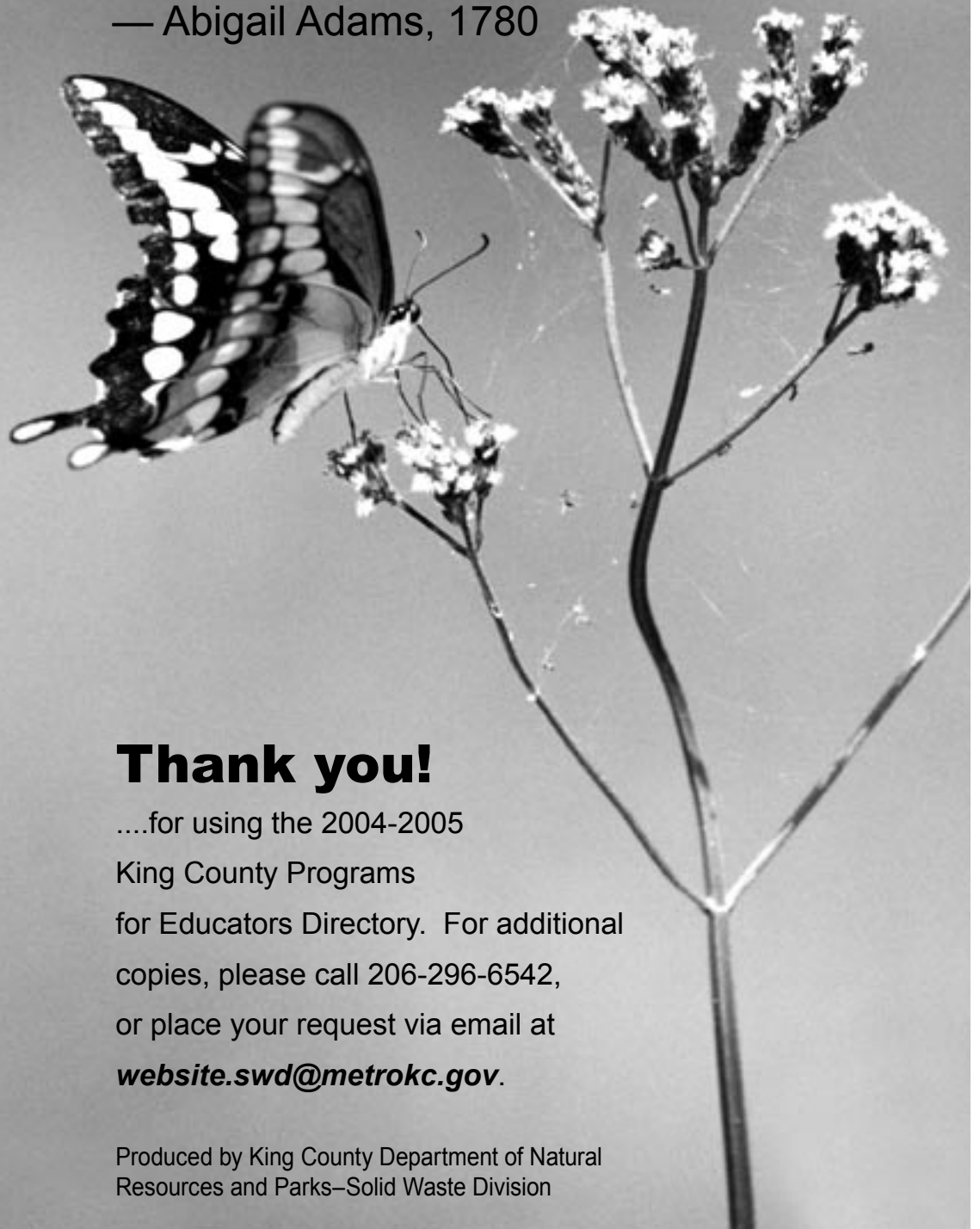
Wheels to Water Program
<http://dnr.metrokc.gov/wtd/wheelstowater/index.htm>

WSU King County Extension
<http://www.metrokc.gov/wsu-ce>



*Learning is not attained by chance,
it must be sought for with ardor
and attended to with diligence.*

— Abigail Adams, 1780



Thank you!

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website.swd@metrokc.gov.

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